



PTO/SB/08B (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/622,751		
		Filing Date	07/18/2003		
		First Named Inventor	Tarler		
		Art Unit	2855		
		Examiner Name	Alandra Ellington		
Sheet	1	of	1	Attorney Docket Number	CMD-006

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DAISUKE YAMADA et al. Design of Artificial Finger Skin Having Ridges and Distributed Tactile Sensors, Proceedings of the 32nd ISR, 19-21 April 2001, pp. 1243-1248.	✓
		DAISUKE YAMADA et al. Artificial Finger Skin Having Ridges and Distributed Tactile Sensors used for Grasp Force Control, Proceedings of the IROS 2001.	✓
		DAISUKE YAMADA et al. Artificial Finger Skin Having Ridges and Distributed Tactile Sensors used for Grasp Force Journal of Robotics and Mechatronics, Vol. 14, No.2, 2002.4, pp. 140-146.	✓
		STEPHEN A. MASCARO et al. Measurement of Finger Posture and Three-Axis Fingertip Touch Force Using Fingernail Sensors, Submitted to IEEE Transactions on Robotics and Automation, 2002.	✓
		TAKASHI MAENO et al. Analysis and Design of a Tactile Sensor Detecting Strain Distribution Inside an Elastic Finger, http://www.maeno.mech.keio.ac.jp/English/maeno_IROS98.pdf	✓
		STEPHEN A. MASCARO et al. Finger Posture and Shear Force Measurement using Fingernail Sensors: Initial Experimentation, Proceedings of the IEEE International Conference on Robotics and Automation, Vol. 2, pp. 1857-1862, 2001.	✓
		ROBERT D. HOWE et al. Dynamic Tactile Sensing: Perception of Fine Surface Features with Stress Rate Sensing, IEEE Transactions on Robotics and Automation, Vol. 9, No.2, April 1994	✓
		W. B. CARLSON et al. Flexi-Distortional Piezoelectric Sensor Results, http://design.alfred.cdu/Piezoelectricity/PlateDistortSensors3.html , March 2003.	✓
		D. J. BEEBE et al. A Silicon Force Sensor for Robotics and Medicine, Sensors and Actuators A: Physical, Vol.50, Issues 1-2, August 1995, pp. 55-65.	✓
		J. L. NOVAK. Initial Design and Analysis of a Capacitive Sensor for Shear and Normal Force Measurement, IEEE, 1989, pp. 137-144.	✓

Examiner Signature		Date Considered	3/28/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 6 of 8

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.